

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Previously Presented) A radio communication system comprising:

a plurality of base station apparatuses that each send a transmit power control command instructing an increase or decrease of transmit power; and

a plurality of communication terminal apparatuses that each control transmit power according to a received transmit power control command,

wherein each of said communication terminal apparatuses comprises:

a reception section that receives transmit power control commands;

a selection section that selects a main base station apparatus having the best channel condition among the plurality of base station apparatuses based on a history of received transmit power control commands; and

a transmission section that transmits a signal using an error coding scheme and a modulation scheme notified from the selected main base station apparatus, and

each of said base station apparatuses comprises:
an authorization section that authorizes the communication terminal apparatus having the maximum reception quality out of the communication terminal apparatuses which have selected said base station apparatus as the main base station apparatus to transmit a signal;

a determining section that determines an error coding scheme and modulation scheme used by the transmission authorized communication terminal apparatus authorized to transmit the signal; and

a transmission section that transmits the determined error coding scheme and a modulation scheme to said transmission authorized communication terminal apparatus.

2. (Previously Presented) The radio communication system according to claim 1, wherein each of said communication terminal apparatuses further comprises a calculation section that calculates extra transmit power by subtracting a transmit power determined according to said received transmit power control command from the maximum transmittable transmit power, and each of said base station apparatuses further comprises an estimation section that estimates reception quality for the

authorized communication terminal apparatus using said extra transmit power.

3-6. (Cancelled).

7. (Previously Presented) A base station apparatus comprising:

a reception section that receives base station selection information sent by a communication terminal apparatus which notifies a main base station apparatus having the best channel condition;

an authorization section that authorizes a communication terminal apparatus having the maximum reception quality out of a plurality of communication terminal apparatuses which have selected said base station apparatus as the main base station apparatus to transmit a signal;

a determining section that determines an error coding scheme and a modulation scheme used by the transmission authorized communication terminal apparatus which has been authorized to transmit the signal; and

a transmission section that transmits the determined error coding scheme and modulation scheme to said transmission authorized communication terminal apparatus.

8. (Previously Presented) The base station apparatus according to claim 7, further comprising:

an estimation section that estimates reception quality of said transmission authorized communication terminal apparatus using extra transmit power obtained by subtracting actual transmit power from the maximum transmit power transmittable by said transmission authorized communication terminal apparatus, wherein

said determining section determines the error coding scheme and modulation scheme according to the estimated reception quality.

9. (Previously Presented) The base station apparatus according to claim 8, wherein said determining section determines the error coding scheme and modulation scheme according to the estimated reception quality and handover information indicating whether said transmission authorized communication terminal apparatus is in the process of soft handover or not.

10. (Previously Presented) The base station apparatus according to claim 8, wherein said determining section:

comprises a prediction section that predicts a variation of interference power using extra transmit power of a communication

terminal apparatus other than said transmission authorized communication terminal apparatus, and

determines the error coding scheme and modulation scheme according to the estimated reception quality and the predicted variation of interference power.

11. (Canceled).

12. (Previously Presented) A radio communication method used in a base station apparatus, the method comprising:

receiving base station selection information transmitted by a communication terminal apparatus which notifies a main base station apparatus having the best channel condition;

authorizing the communication terminal apparatus having the maximum reception quality out of the communication terminal apparatuses which have selected said base station apparatus as the main base station apparatus to transmit a signal;

determining an error coding scheme and a modulation scheme used by the transmission authorized communication terminal apparatus which has been authorized to transmit the signal; and

transmitting the determined error coding scheme and modulation scheme to said transmission authorized communication terminal apparatus.